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Weather Web Services

**Json Url:**

<http://api.wunderground.com/api/2e02969defcb4a64/geolookup/conditions/q/Australia/Sydney.json>

**File Name:**

preethisethu.html [../../../preethisethu.html](file:///C:\Users\Preethi%20Vasanth\Desktop\preethisethu.html)

**Source Code:**

**<html>**

**<head>**

**<title>**

**REST service implementation by Preethi Sethu Ragunathan**

**</title>**

**<script src="http://ajax.googleapis.com/ajax/libs/jquery/1.5.1/jquery.min.js"></script>**

**<script>**

**jQuery(document).ready(function($) {**

**$.ajax({**

**url : "http://api.wunderground.com/api/2e02969defcb4a64/geolookup/conditions/q/Australia/Sydney.json",**

**dataType : "jsonp",**

**success : function(parsed\_json) {**

**var city = parsed\_json['location']['city'];**

**var state = parsed\_json['location']['state'];**

**var country\_name = parsed\_json['location']['country\_name'];**

**var lat = parsed\_json['location']['lat'];**

**var lon = parsed\_json['location']['lon'];**

**var temp\_f = parsed\_json['current\_observation']['temp\_f'];**

**var temp\_c = parsed\_json['current\_observation']['temp\_c'];**

**var icon\_url = parsed\_json['current\_observation']['icon\_url'];**

**var weather = document.getElementById('wuDiv');**

**weather.innerHTML ="The Co-ordinates of " + city + "," + country\_name + " is: " + "<br/>" + "Latitude:" + lat + " , " + "<br/>" + "Longitude:" + lon + "<br/>" +**

**"The state code of "+ city + " is :" +state+ "<br/>" + " Current temperature in " + city + " is: " + temp\_f + " F / " + temp\_c + " C" + " <img src=" +icon\_url+ " />" + "<br/>" ;**

**}**

**});**

**});**

**</script>**

**<link href="main.css" rel="stylesheet" type="text/css"></link>**

**</head>**

**<body>**

**<div class="main-title"><h1>SOA with REST</h1></div>**

**<div><br/><h2>WeatherUnderground REST services<h2></div>**

**<div><br/><h2>REST service implementation by Preethi Sethu Ragunathan<h2></div>**

**<div id="wuDiv"></div>**

**</body>**

**</html>**

**Screenshots:**

**Web browser**

